



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

Sheet

1

of

3

Complete if Known	
Application No.	10/749,912
Filing Date	December 30, 2003
First Named Inventor	Donald E. Steiss
Art Unit	Not Yet Known
Examiner Name	Not Yet Known
Attorney Docket Number	22347-08261 (Seq. No. 8117)

U.S. PATENT DOCUMENTS

Examiner Initials ¹	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
	US-5,613,114	03-18-1997	Anderson et al.	
	US-5,724,586	03-03-1998	Edler et al.	
	US-5,742,822	04-21-1998	Motomura	
	US-5,771,382	06-23-1998	Wang et al.	
	US-5,799,188	08-25-1998	Manikundalam et al.	
	US-5,907,702	05-25-1999	Flynn et al.	
	US-5,913,049	06-15-1999	Schiell et al.	
	US-6,016,542	01-18-2000	Gottlieb et al.	
	US-6,073,159	06-06-2000	Emer et al.	
	US-6,076,157	06-13-2000	Borkenhagen et al.	
	US-6,105,051	08-15-2000	Borkenhagen et al.	
	US-6,212,544	04-03-2001	Borkenhagen et al.	
	US-6,216,220	04-10-2001	Hwang	
	US-6,223,208	04-24-2001	Kiefer et al.	
	US-6,256,775	07-03-2001	Flynn	
	US-6,272,520	08-07-2001	Sharangpani et al.	
	US-6,292,888	09-18-2001	Nemirovsky et al.	
	US-6,308,261	10-23-2001	Morris et al.	
	US-6,341,347	01-22-2002	Joy et al.	
	US-6,353,881	05-05-2002	Chaudhry et al.	
	US-6,385,715	05-07-2002	Merchant et al.	
	US-6,411,982	06-25-2002	Williams	
	US-6,418,458	07-09-2002	Maresco	
	US-6,477,562	11-05-2002	Nemirovsky et al.	
	US-6,490,612	12-03-2002	Jones et al.	

Examiner Signature	<i>Jacob Behman</i>	Date Considered	<i>3-22-06</i>
--------------------	---------------------	-----------------	----------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO

INFORMATION DISCLOSURE
STATEMENT BY APPLICANT

		Complete if Known	
Application No.	10/749,912		
Filing Date	December 30, 2003		
First Named Inventor	Donald E. Steiss		
Art Unit	Not Yet Known		
Examiner Name	Not Yet Known		
Sheet	2	of	3
		Attorney Docket Number	22347-08261 (Seq. No. 8117)

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document No.	Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
J	US-6,507,862	01-14-2003	Joy et al.	
	US-6,535,905	03-18-2003	Kalafatis et al.	
	US-6,542,920	04-01-2003	Belkin et al.	
	US-6,542,921	04-01-2003	Sager	
	US-6,542,987	04-01-2003	Fischer et al.	
	US-6,556,045	04-29-2003	Cohen	
	US-6,567,839	05-20-2003	Borkenhagen et al.	
	US-6,584,488	06-24-2003	Brenner et al.	
	US-6,594,755	07-15-2003	Nuechterlein et al.	
	20010056456	12-27-2001	Cota-Robles	
	20020010733	01-24-2002	Baba et al.	
	20030154235	08-14-2003	Sager	
	20030158885	08-21-2003	Sager	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	T ⁶

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ⁶
J	C1	Boothe, B. and Ranade, A. G., "Improved Multithreading Techniques for Hiding Communication Latency in Multiprocessors," ACM 1992, pp. 214-223.	

Examiner Signature	<i>Jacob Behman</i>	Date Considered	3-22-06
--------------------	---------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.

Substitute for form 1449A/PTO				Complete If Known	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Application No.	10/749,912
				Filing Date	December 30, 2003
				First Named Inventor	Donald E. Steiss
				Art Unit	Not Yet Known
				Examiner Name	Not Yet Known
Sheet	3	of	3	Attorney Docket Number	22347-08261 (Seq. No. 8117)

OTHER REFERENCES – NON-PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
J	C2	Gulati, M. and Bagherzadeh, N., "Performance Study of a Multithreaded Superscalar Microprocessor," 2 nd International Symposium on High-Performance Computer Architecture, February 1996, 11 pages.	
	C3	Loikkanen, M. and Bagherzadeh, N., "A Fine-Grain Multithreading Superscalar Architecture," Proc. 1996 Confer. Parallel Architectures and Compilation Techniques, October 1996, 6 pages.	
	C4	Tullsen, D. M. et al., "Exploiting Choice: Instruction Fetch and Issue on an Implementable Simultaneous Multithreading Processor," Proc. Of the 23 rd ISCA, May 1996, 12 pages.	
	C5	Tullsen, D. M. et al., "Simultaneous Multithreading: Maximizing On-Chip Parallelism," Proc. Of the 22 nd ISCA, June 1995, 12 pages.	
	C6	Yamamoto, W., "An Analysis of Multistreamed, Superscalar Processor Architectures," Ph.D. Thesis, U.C. Santa Barbara, Dec. 1995, pp. 1-155.	

Examiner Signature	<i>Jacob Petrucci</i>	Date Considered	3-22-06
--------------------	-----------------------	-----------------	---------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609.

Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional). ²See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language Translation is attached.